

FORM PTO-1449 O I P E SEP 02 2005		Atty. Docket No.: B04.12-0076	Appl. No.: 10/814,939
LIST OF RELATED ART AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT		First Named Inventor: John Timothy Otto et al.	
		Filing Date March 31, 2004	Group Art: 2632

## U.S. PATENT DOCUMENTS

Examiner Initial	Document No.	Date	Name	Class	Sub Class	Filing Date If Appropriate
① AA	3,341,835	09/1967	Werner et al.	340	582	
AB	3,541,540	11/1970	Hughes	340	582	
AC	4,553,137	11/1985	Marxer et al.	340	582	
AD	4,570,881	02/1986	Lustenberger	244	134F	
AE						
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AH						
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AK						
AL						
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AN						
AO						
AP						

## FOREIGN PATENT DOCUMENTS

		Document No.	Date	Country	Class	Sub Class	Translation Yes No
	AQ						

## OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

AR	
EXAMINER: <i>T. Otto</i>	DATE CONSIDERED: <i>11/24/04</i>

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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## U.S. PATENT DOCUMENTS

Examiner Initial	Document No.	Date	Name	Class	Sub Class	Filing Date If Appropriate
D	AA	6,425,286	07/2002	Anderson et al.	73	170.26
	AB					
	AC					
	AD					
	AE					
	AF					
	AG					
	AH					
	AI					
	AJ					
	AK					
	AL					
	AM					
	AN					
	AO					
	AP					

## FOREIGN PATENT DOCUMENTS

		Document No.	Date	Country	Class	Sub Class	Translation Yes    No
	AQ	EP 1 396 425 A1	10.03.2004	EPO			

**OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)**

AR	
EXAMINER: T. D. M.	DATE CONSIDERED: 11/2/82

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Sheet 1 of 1

<b>FORM PTO-1449</b>		<b>Att'y. Docket No.:</b> <b>B04.J2-0076</b>	<b>Appl. No.:</b> <b>10/814,939</b>
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		<b>Filing Date</b> <b>March 31, 2004</b>	<b>Group Art:</b> <b>2632</b>

**U.S. PATENT DOCUMENTS**

<b>Examiner Initial</b>	<b>Document No.</b>	<b>Date</b>	<b>Name</b>	<b>Class</b>	<b>Sub Class</b>	<b>Filing Date If Appropriate</b>
D	AA 2,724,106	11/1955	Fraser	340	234	
	AB 2,775,678	12/1956	Flubacker	219	19	
	AC 2,775,679	12/1956	Flubacker	219	20	
	AD 3,276,254	10/1966	Richard	73	170	
	AE 3,277,459	10/1966	Werner	340	234	
	AF 3,541,540	11/1970	Hughes	340	234	
	AG 5,003,295	3/1991	Kleven	340	581	
AH	5,752,674	5/1998	Mears et al.	244	134	
AJ						
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AM						
AN						
AO						
AP						

**OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)**

<b>AQ</b>	
<b>EXAMINER:</b> <i>J. D. J.</i>	<b>DATE CONSIDERED:</b> <i>11/20/05</i>

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## U.S. PATENT DOCUMENTS

Examiner Initial	Document No.	Date	Name	Class	Sub Class	Filing Date If Appropriate
TA	AA 2,359,787	10/10/1944	Peters et al.			
	AB 2,414,756	1/21/1947	May	177	311	
	AC 2,766,619	11/16/1956	Tribus et al.	73	170	
	AD 2,800,647	7/23/1957	Baerwald et al.	340	234	
	AE 3,000,213	9/19/1961	Eves et al.	73	349	
	AF 3,240,054	3/15/1966	Roth	73	67.1	
	AG 3,341,835	9/12/1967	Werner et al.	340	234	
	AH 3,594,775	7/20/1971	Fox	340	234	
	AI 4,036,457	7/19/1977	Volkner et al.	244	134	
	AJ 4,037,427	7/26/1977	Kramer	62	128	
	AK 4,054,255	10/18/1977	Magenheim	244	134	
	AL 4,092,862	6/6/1978	Taylor	73	362	
	AM 4,210,021	7/1/1980	Vykhodtsev et al.	73	170	
	AN 4,327,286	4/27/1982	Thoma	250	231	
	AO 4,333,004	6/1/1982	Forgue et al.	219	497	
	AP 4,367,399	1/4/1983	Anthony et al.	219	497	

## FOREIGN PATENT DOCUMENTS

	Document No.	Date	Country	Class	Sub Class	Translation Yes No
TA	AQ GB 2 124 764 A	12.7.83	Great Britain			

## OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

TA	AR	Messinger, B., "Equilibrium Temperature of an Unheated Icing Surface as a Function of Air Speed", J. Aeronaut. Sci., pages 29-42, January 1953.
TA	EXAMINER:	DATE CONSIDERED:

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Examiner Initial	Document No.	Date	Name	Class	Sub Class	Filing Date If Appropriate
B	BA 4,461,178	7/24/1984	Chamuel	73	599	
	BB 4,553,137	11/12/1985	Marxer et al.	340	582	
	BC 4,611,492	9/16/1986	Koosmann	73	579	
	BD 4,640,127	2/3/1987	Schneider	73	295	
	BE 4,755,062	7/5/1988	Meyer	374	16	
	BF 4,897,527	1/30/1990	Cripps et al.	219	492	
	BG 4,980,673	12/25/1990	Kleven	340	581	
	BH 5,003,295	3/26/1991	Kleven	340	581	
	BI 5,140,135	8/18/1992	Freeman	219	497	
	BJ 5,821,862	10/13/1998	MacKenzie	340	583	
	BK 5,955,887	9/21/1999	Codner et al.	324	689	
	BL 6,010,095	1/4/2000	Hackmeister	244	134	
	BM 6,052,056	4/18/2000	Burns et al.	340	583	
	BN 6,196,500	3/6/2001	Al-Khalil et al.	244	134	
	BO 6,269,320	7/31/2001	Otto	702	127	
	BP 6,320,511	11/20/2001	Cronin et al.	340	580	

## OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

BQ	Ligrani et al., P. M., "Comparison of Heat-Transfer Augmentation Techniques", American Institute of Aeronautics and Astronautics Journal, Vol. 41, No. 3, pages 337-362, March 2003.
BR	Žukauskas et al., A., "Heat Transfer of a Cylinder in Crossflow", Hemisphere Publishing Corporation, 1985.

EXAMINER: *T. J. S.*

DATE CONSIDERED:

*11/12/02*

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